

FIG. 1

Blade starts moving down at a speed set according to desired cut quality. Blade begins vibrating after it passes the bottom of the paper feeder, C

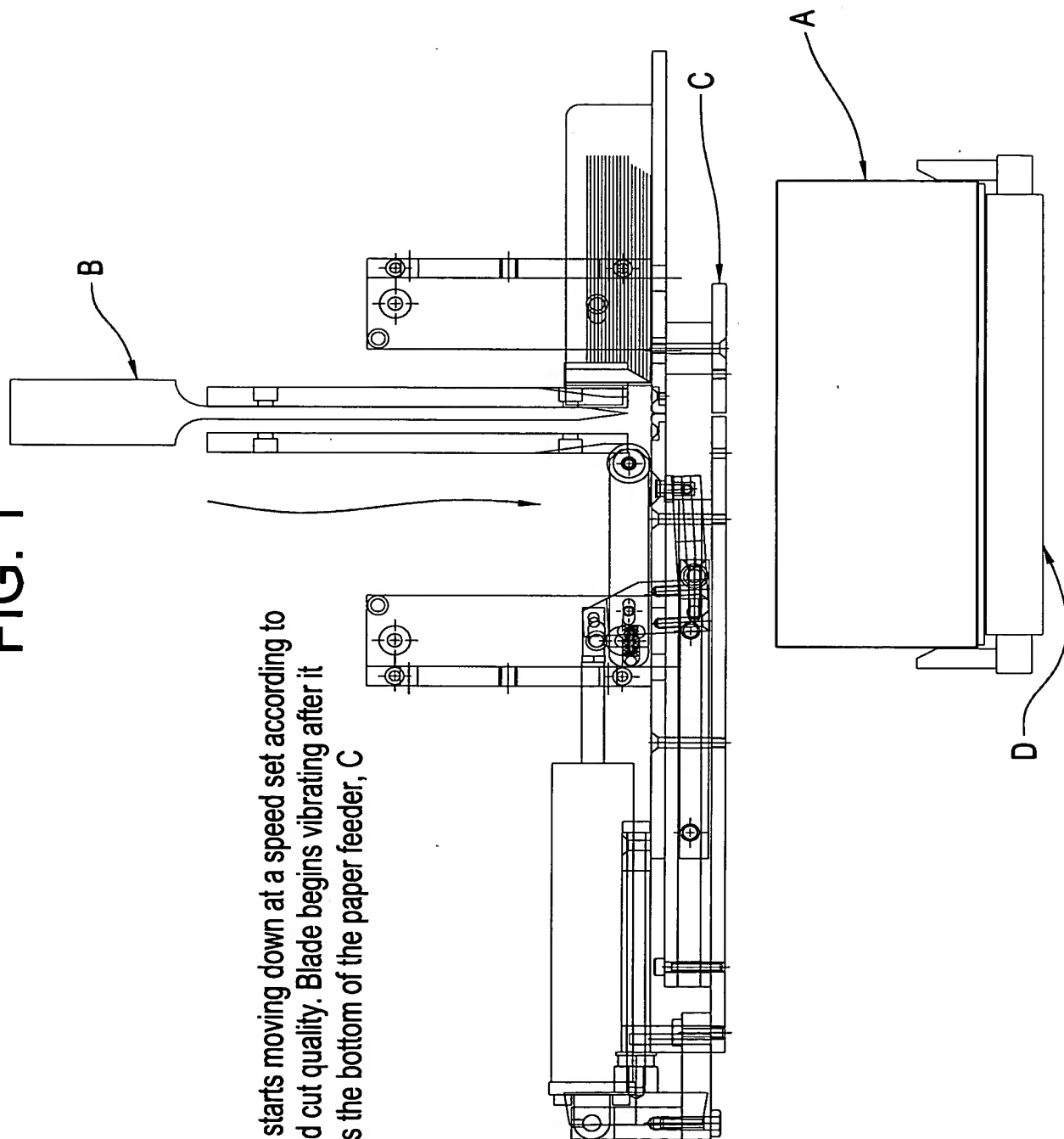
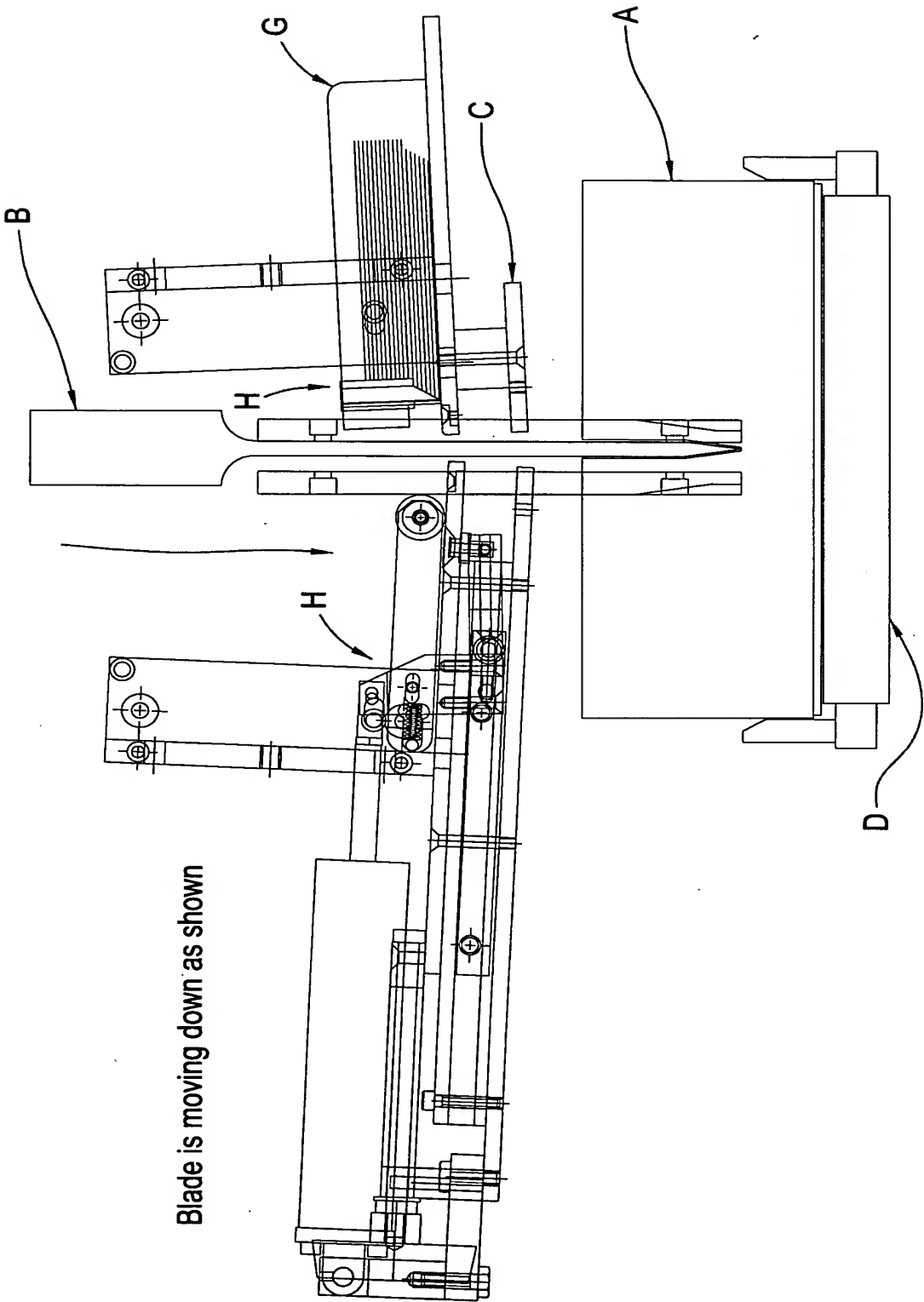
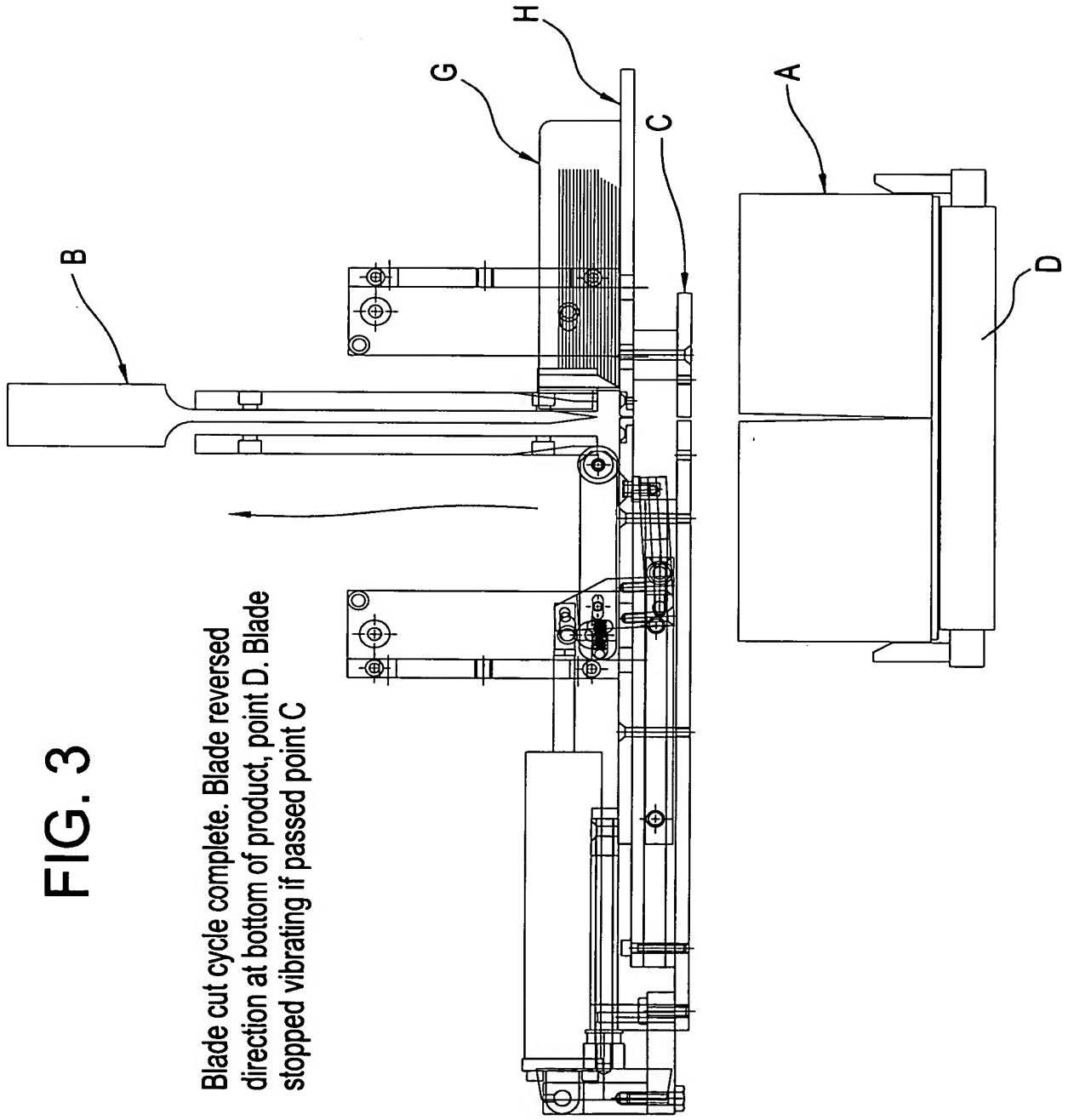
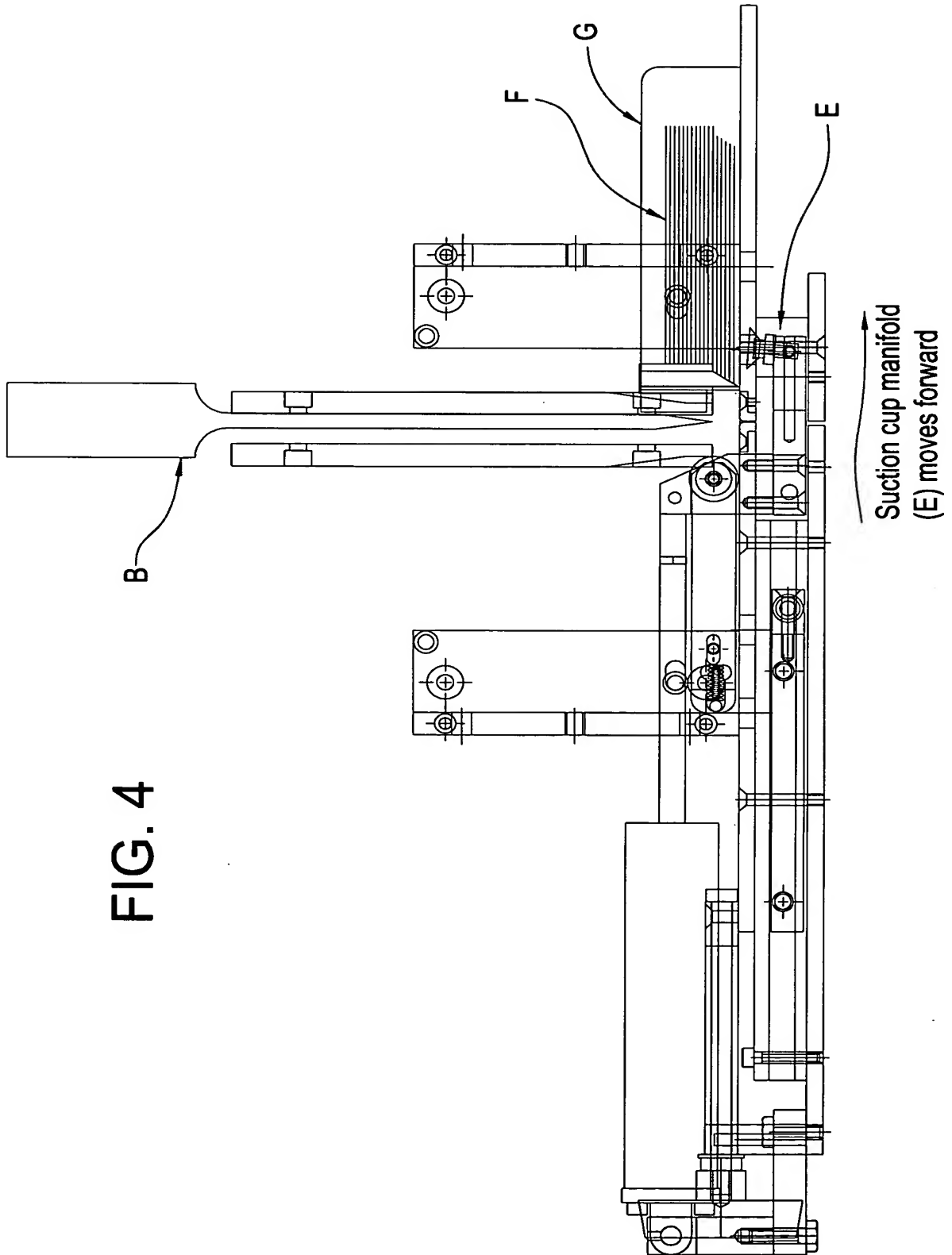


FIG. 2



Blade is moving down as shown





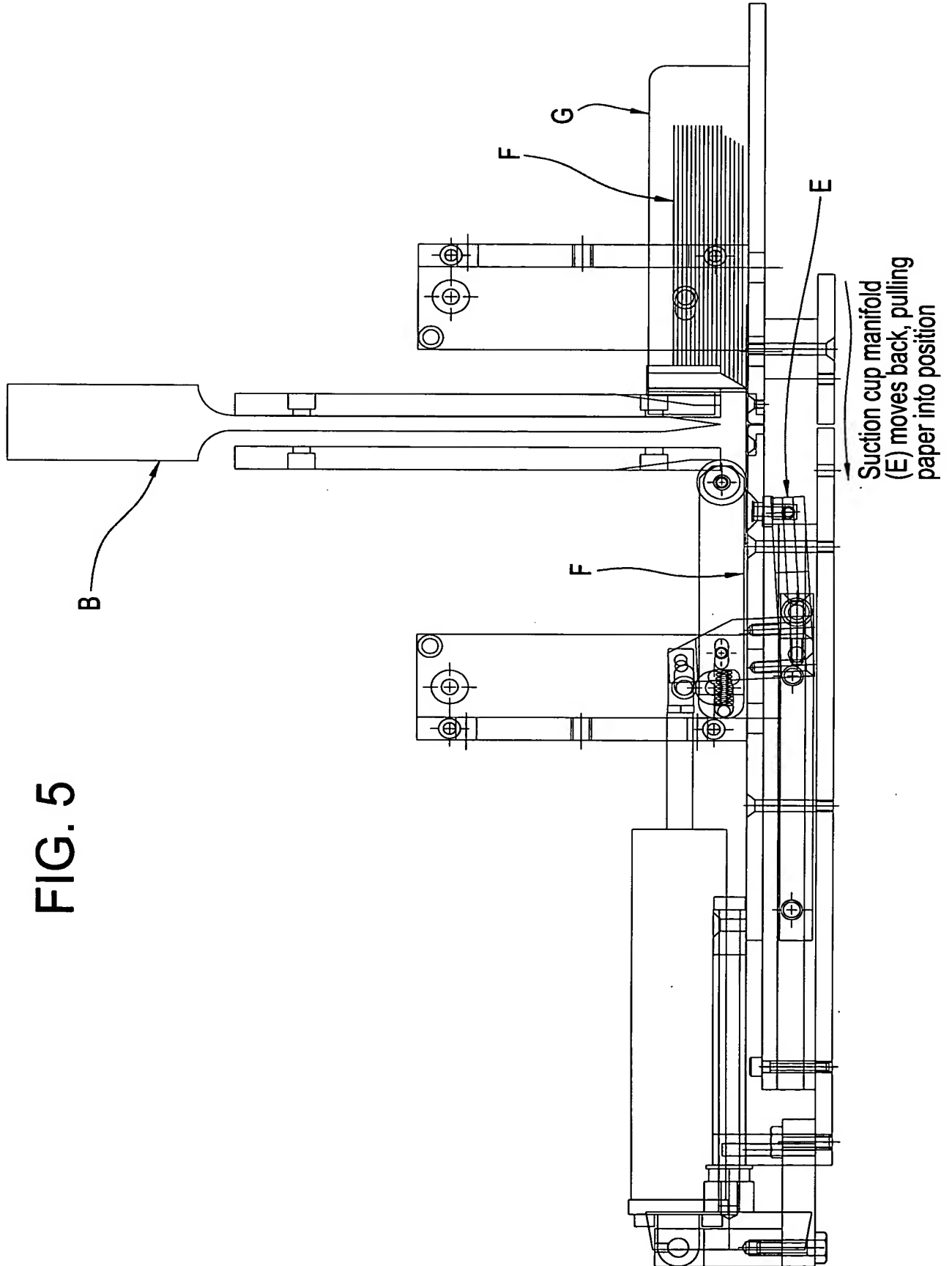
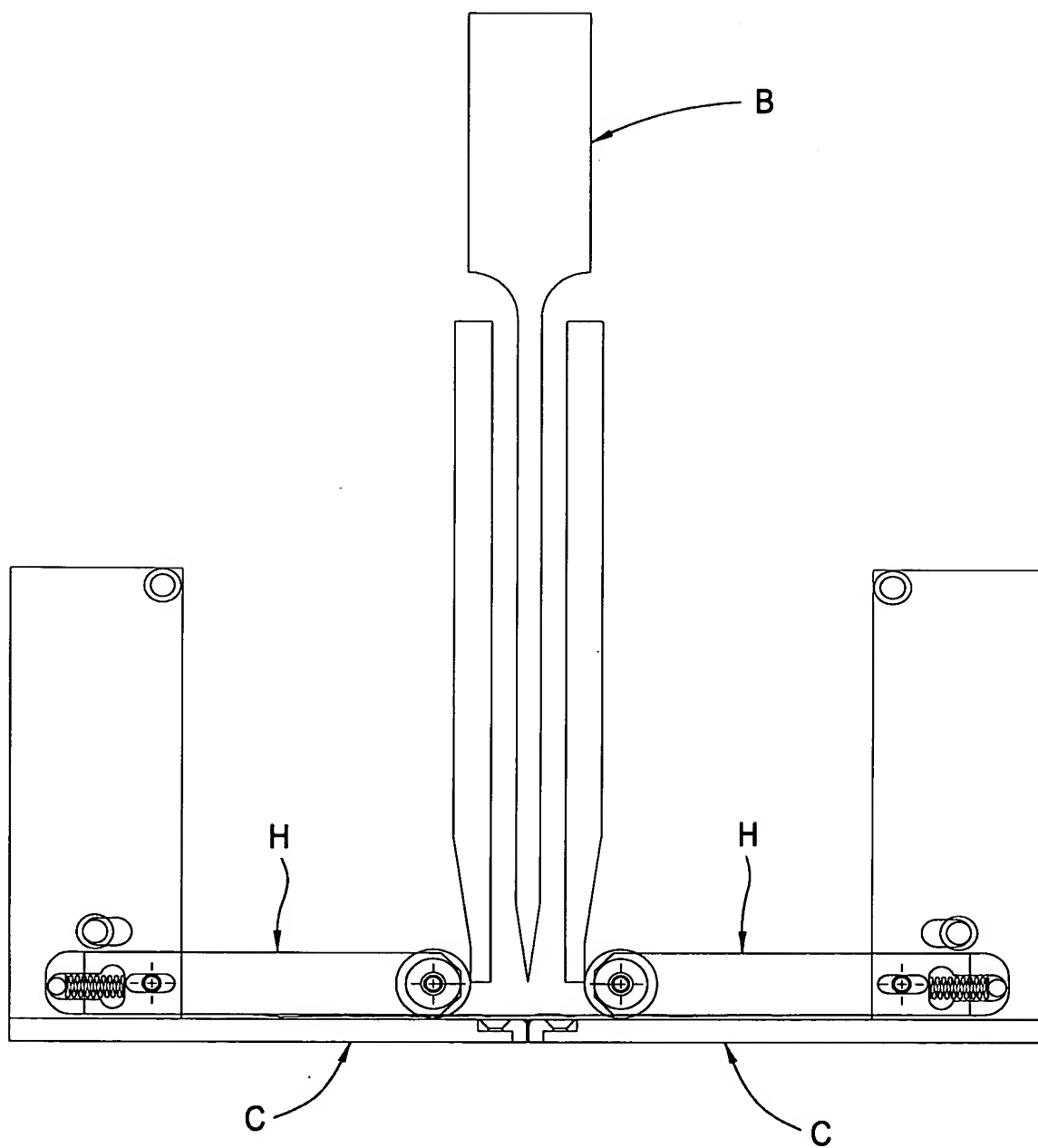


FIG. 6



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FIG. 7

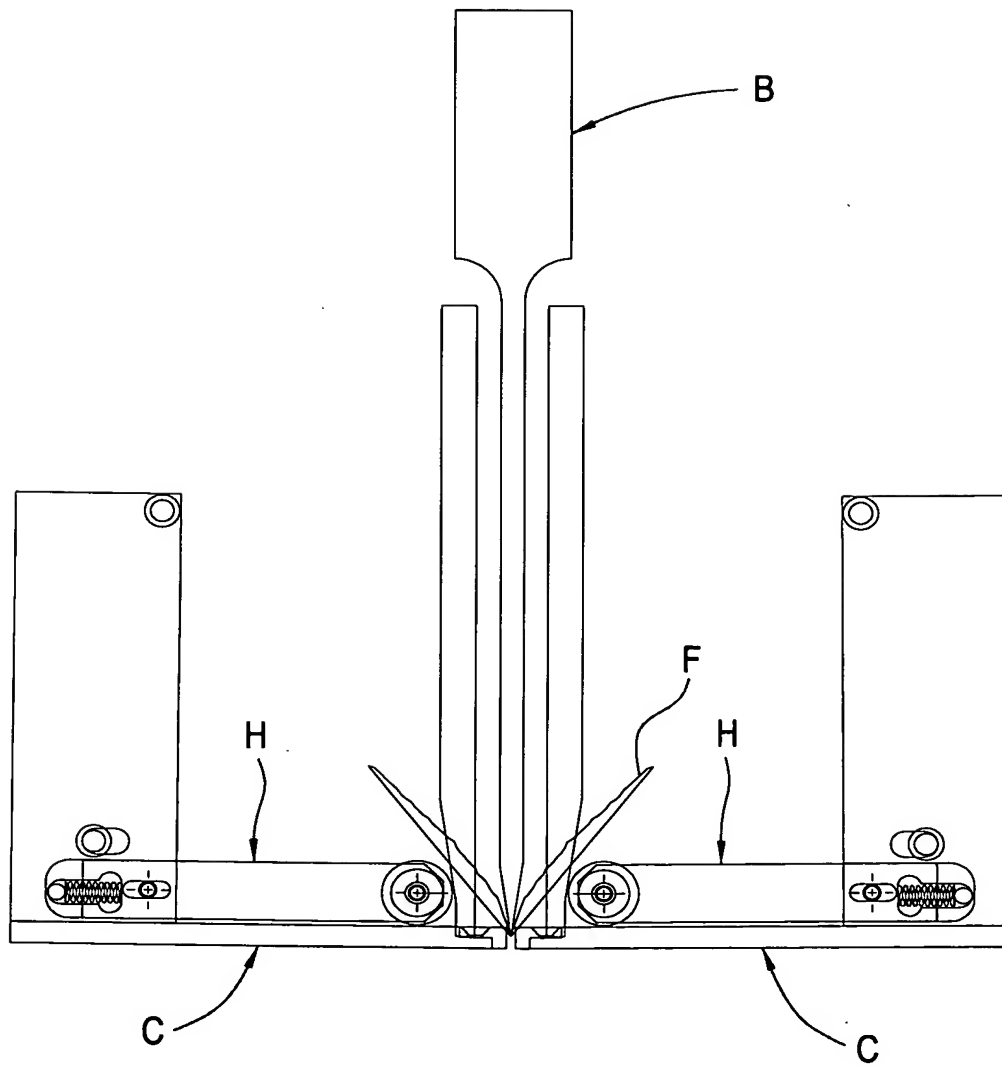
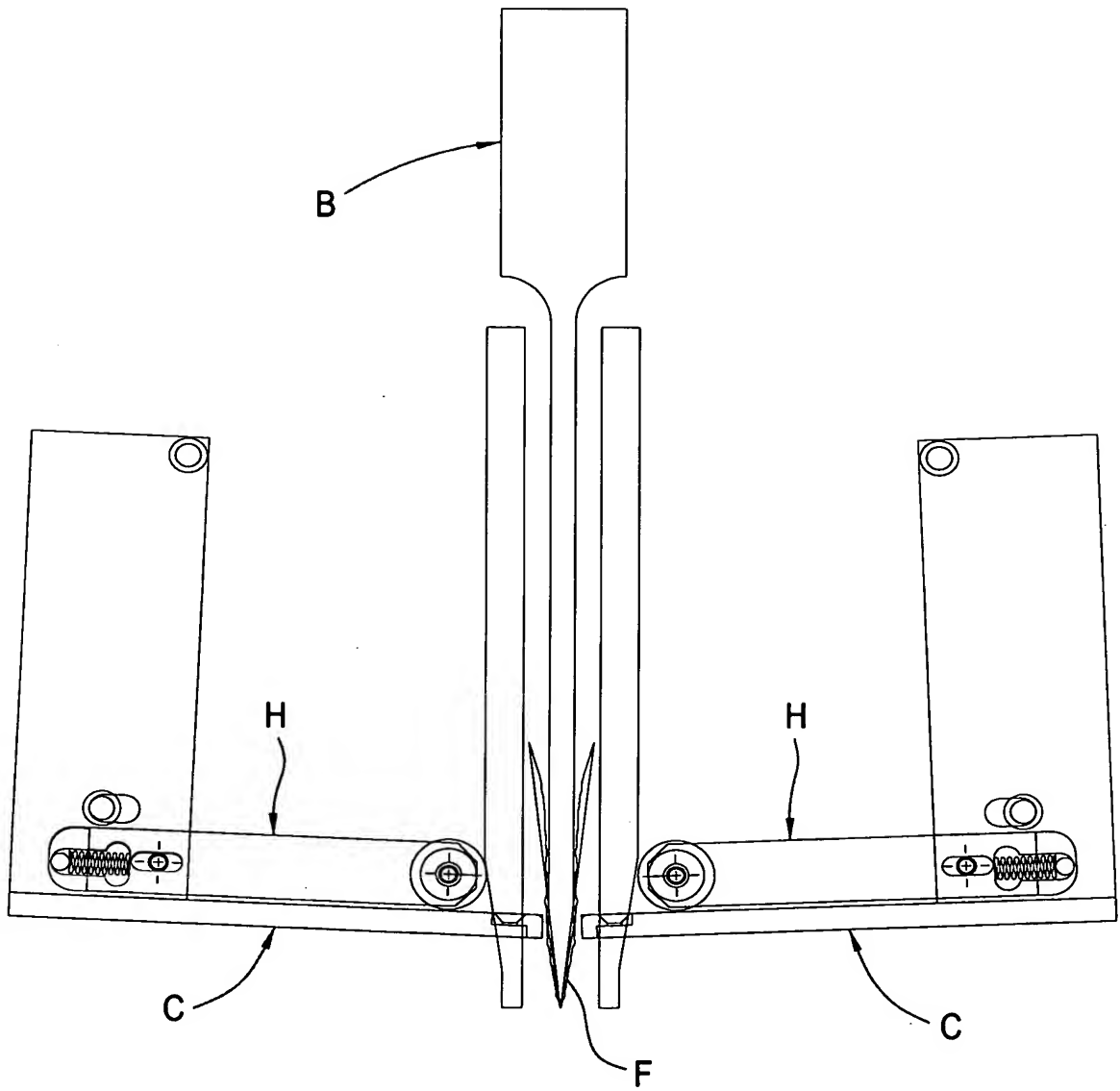


FIG. 8



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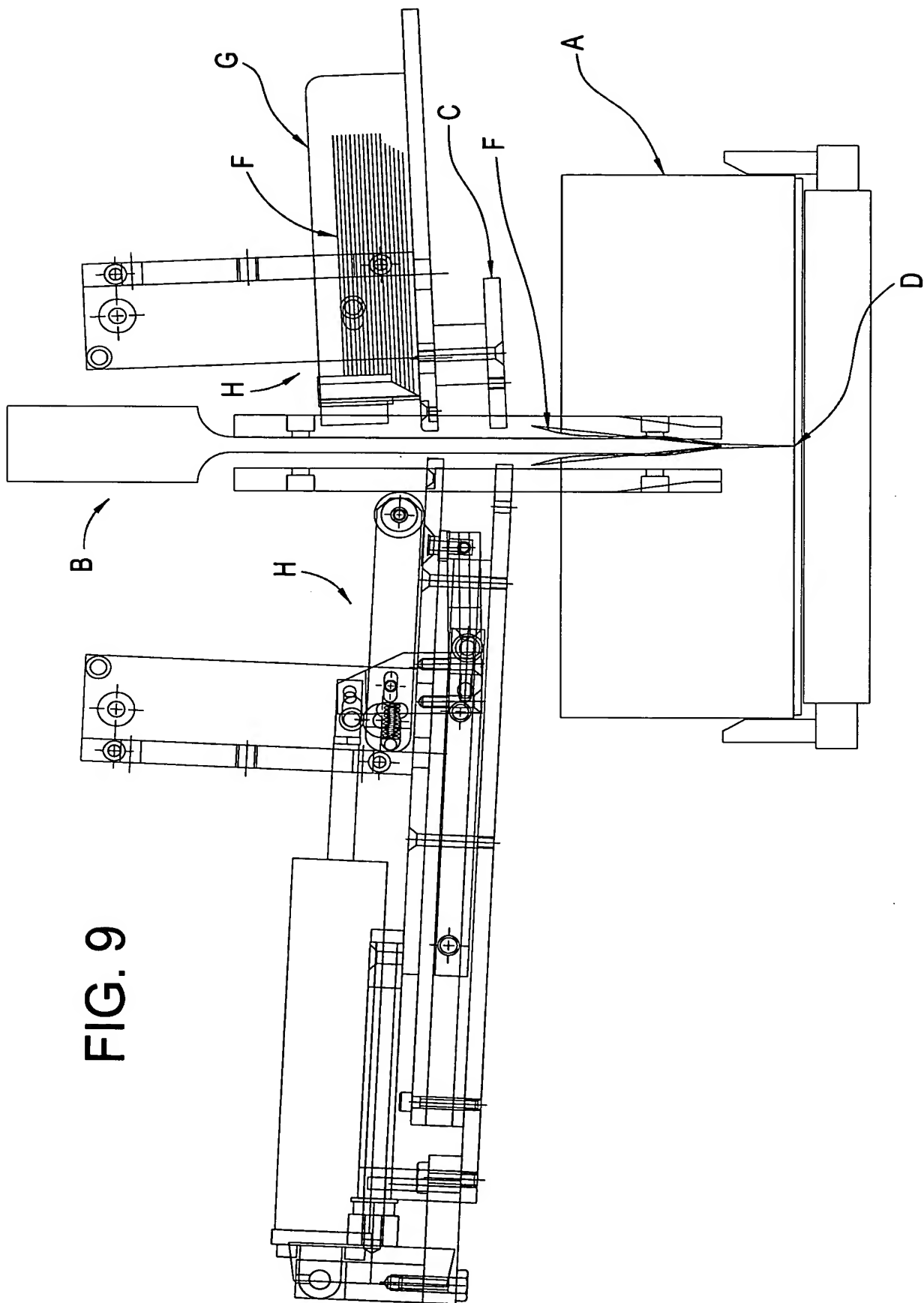


FIG. 9

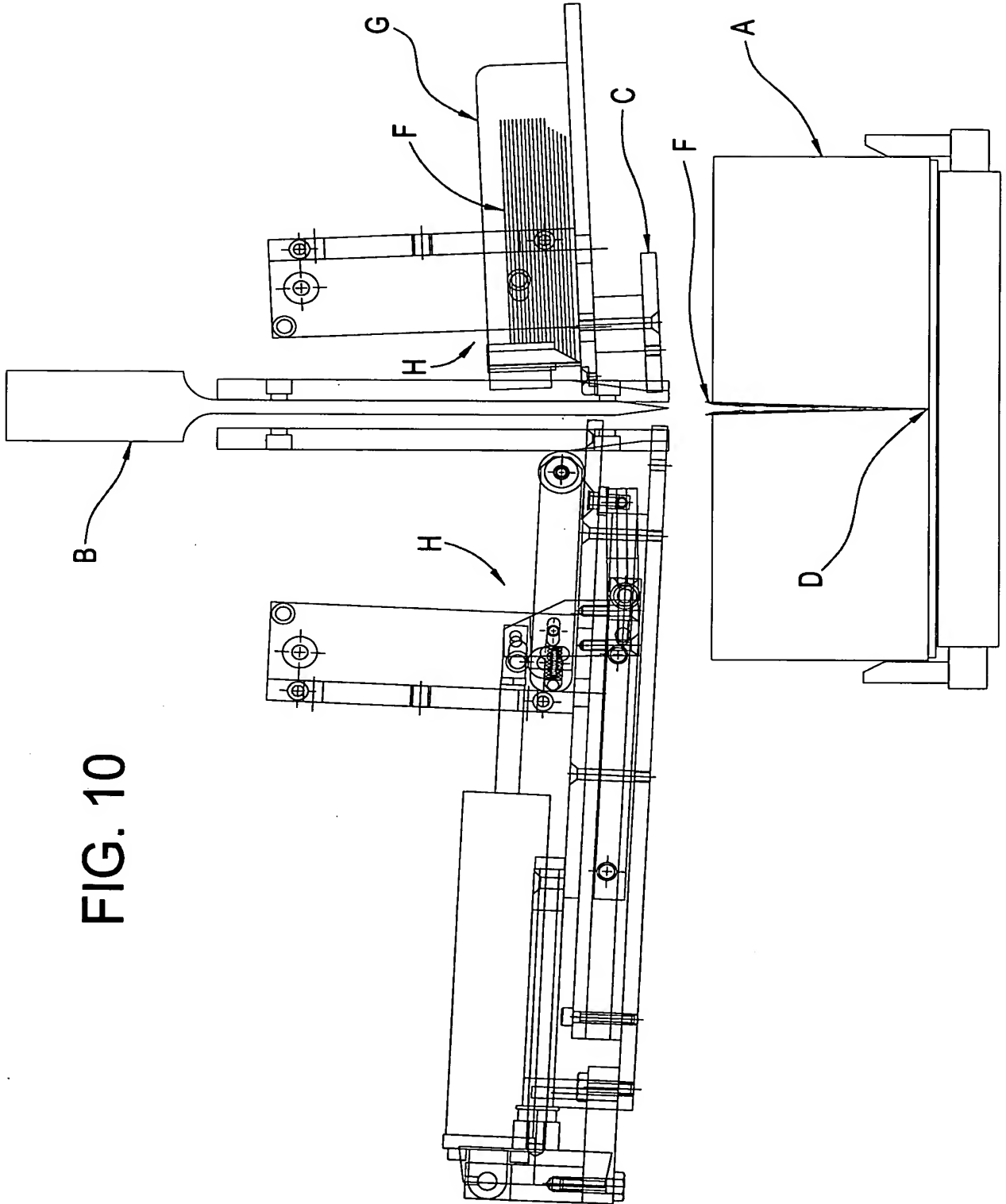


FIG. 10

FIG. 11B

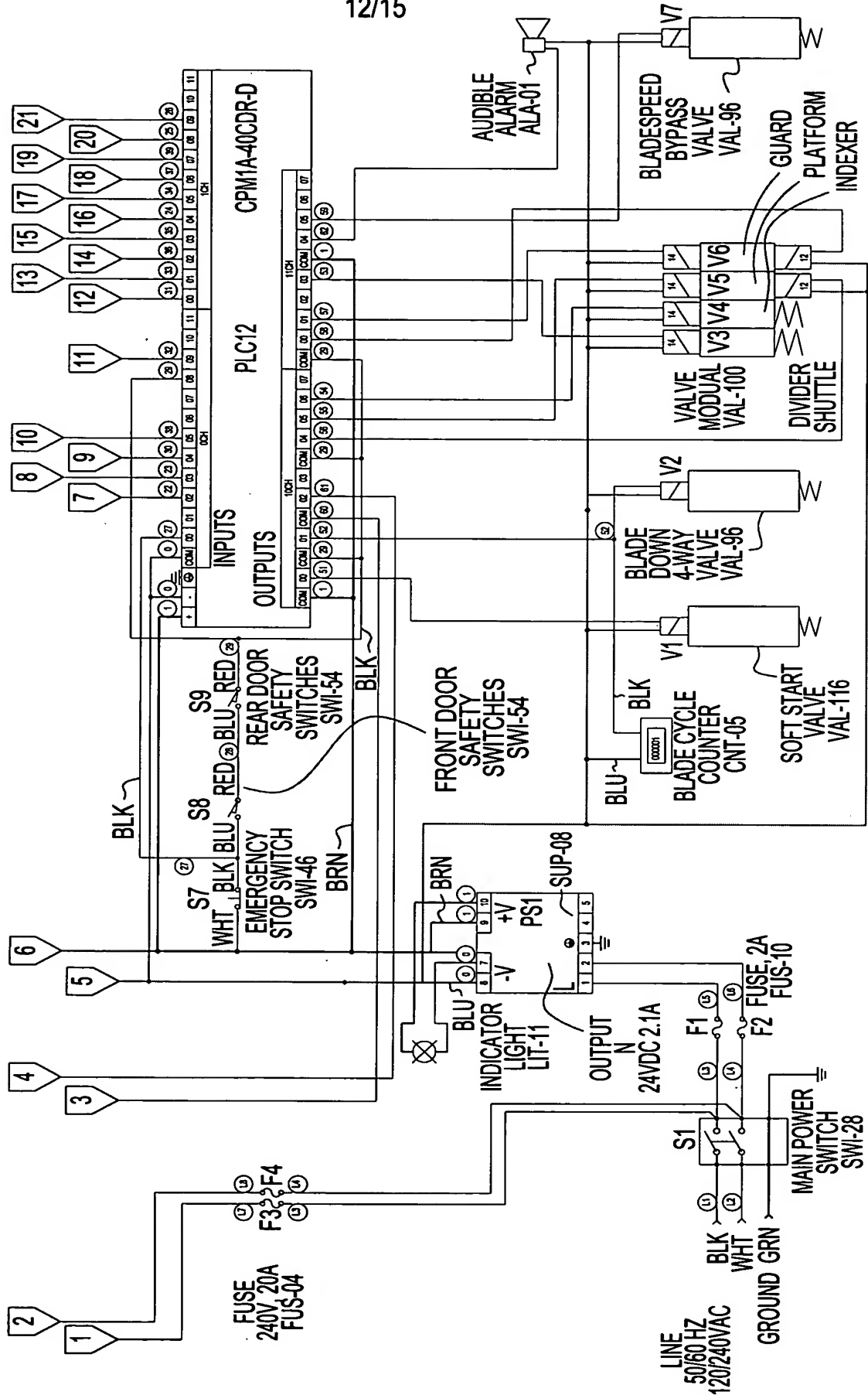


FIG. 12**CS-1000UPF I/O LIST****INPUTS:****0CH**

00	EMERGENCY STOP
01	SPARE
02	RIGHT START BUTTON P/E SWITCH
03	LEFT START BUTTON P/E SWITCH
04	PLATFORM IN SLICING POSITION SENSOR
05	ULTRASONIC ALARM
06	SPARE
07	SPARE
08	DOOR SAFETY SWITCHES
09	FRONT GUARD WINDOW CLOSED SENSOR
10	SPARE
11	SPARE

1CH

00	BLADE UP SENSOR
01	BLADE REVERSAL SENSOR
02	DIVIDER SHUTTLE IN BACK POSITION SENSOR
03	DIVIDER SHUTTLE IN FORWARD POSITION SENSOR
04	DIVIDER FEEDER ON/OFF P/E SWITCH
05	DIVIDER VACUUM ADJUSTABLE SENSOR SWITCH
06	ULTRASONIC ON/OFF LIMIT SENSOR
07	CUTTING MODE SELECTOR SWITCH
08	DIAL IN POSITION P/E SWITCH
09	INDEXER END OF CYCLE P/E SWITCH
10	SPARE
11	SPARE

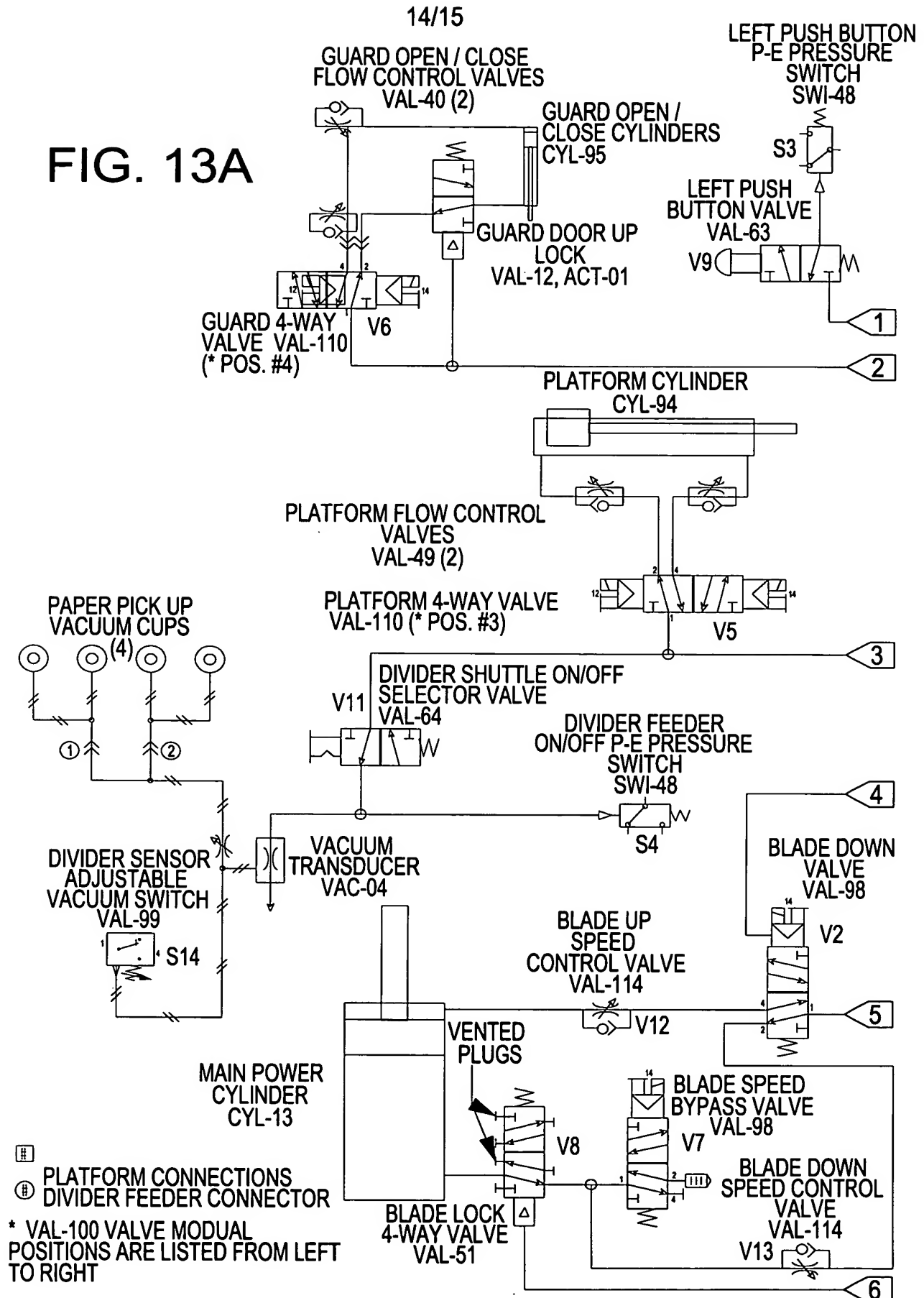
OUTPUTS:**10CH**

00	SOFT START VALVE
01	BLADE DOWN 4-WAY
02	ULTRASONIC START CABLE
03	DO NOT USE
04	PLATFORM 4-WAY VALVE, OUT
05	PLATFORM 4-WAY VALVE, IN
06	INDEXER 4-WAY, RESET
07	SPARE

11CH

00	GUARD WINDOW 4-WAY VALVE, UP
01	GUARD WINDOW 4-WAY VALVE, DOWN
02	SPARE
03	DIVIDER SHUTTLE 4-WAY VALVE, FORWARD
04	AUDIBLE ALARM
05	BLADE SPEED CONTROL BYPASS VALVE
06	SPARE
07	SPARE

FIG. 13A



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